

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF092818\
 Data File : VF060375.D
 Acq On : 28 Sep 2018 18:59
 Operator : VA/AP
 Sample : J4777-37
 Misc : 6.16/5mL/MSVOA F/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 PL-01-092718-C

Quant Time: Sep 29 01:01:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 20 02:58:42 2018
 Response via : Initial Calibration

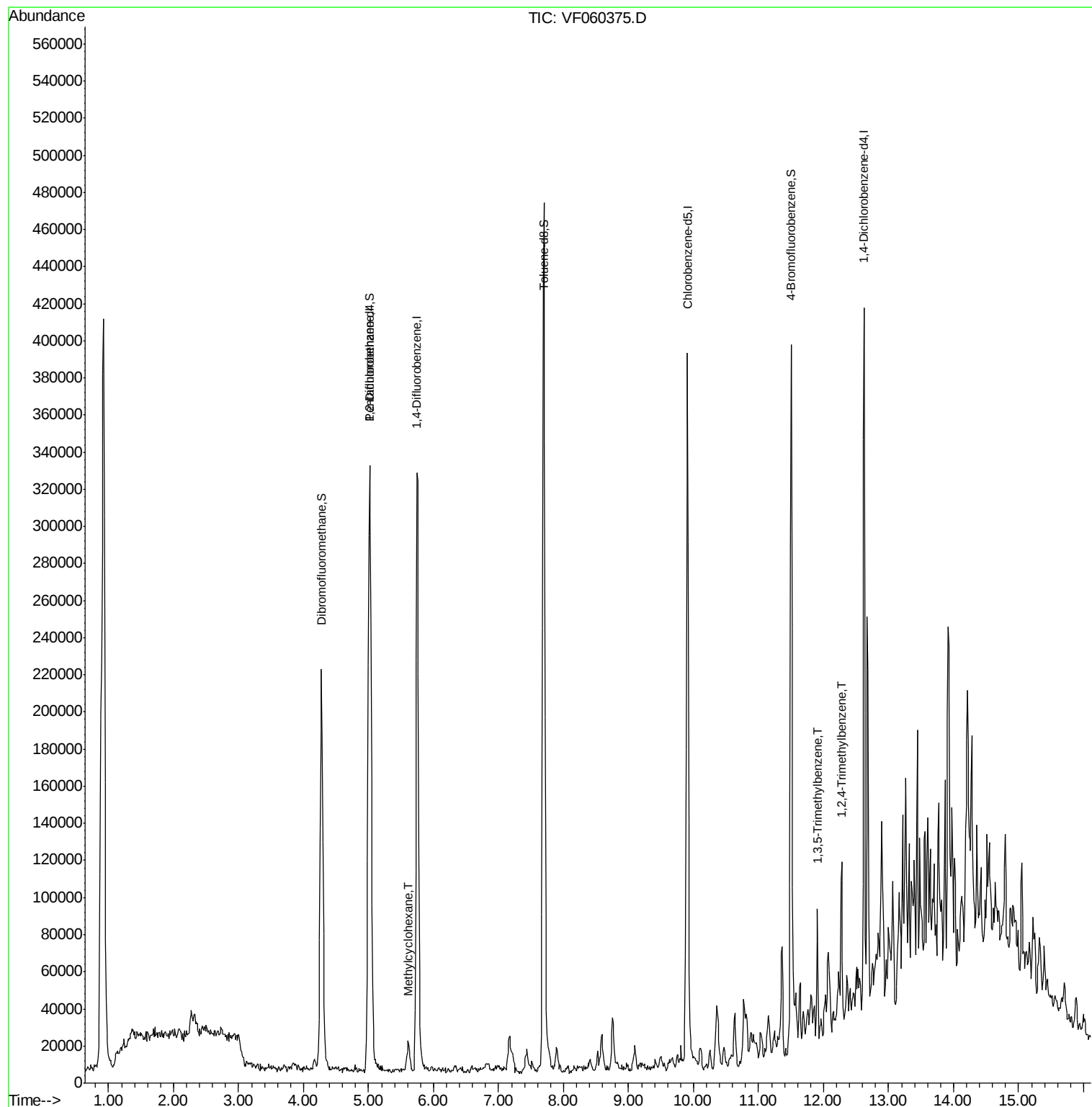
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	210111	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.75	114	351117	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	258180	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.63	152	95801	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	174463	61.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.32%	
35) Dibromofluoromethane	4.28	113	196523	62.79	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	125.58%	
50) Toluene-d8	7.70	98	391945	48.08	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	96.16%	
62) 4-Bromofluorobenzene	11.50	95	142898	40.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.12%	
Target Compounds						
39) Methylcyclohexane	5.62	83	8841	1.863	ug/l #	77
80) 1,3,5-Trimethylbenzene	11.91	105	28000	4.045	ug/l	89
84) 1,2,4-Trimethylbenzene	12.28	105	28630	4.073	ug/l	88

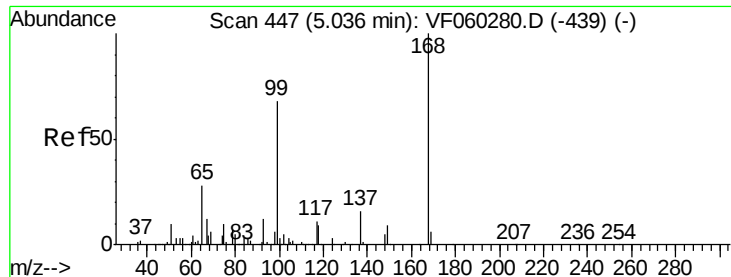
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF092818\
Data File : VF060375.D
Acq On : 28 Sep 2018 18:59
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 20 02:58:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.03 min Scan# 446

Delta R.T. -0.01 min

Lab File: VF060375.D

Acq: 28 Sep 2018 18:59

Instrument :

MSVOA_F

ClientSampleId :

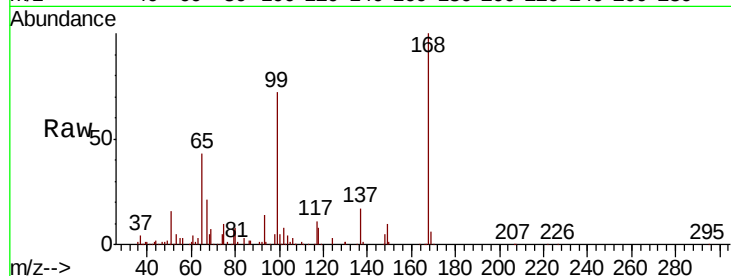
PL-01-092718-C

Tot Ion:168 Resp: 210111

Ion Ratio Lower Upper

168 100

99 71.7 54.8 82.2



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

5.03

80000

60000

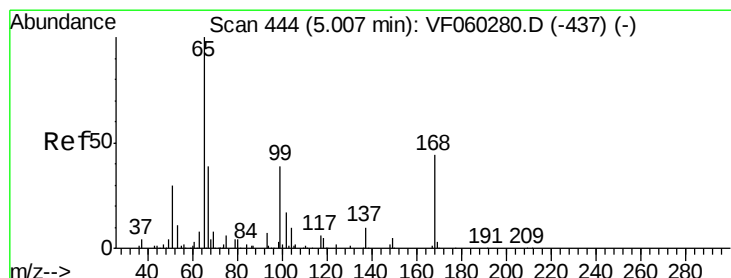
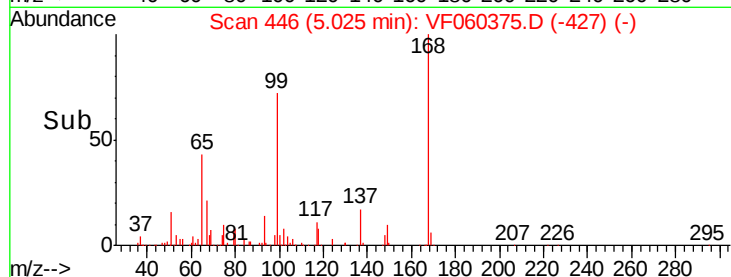
40000

20000

0

4.90 5.00 5.10 5.20

Time-->



#33

1,2-Dichloroethane-d4

Concen: 61.665 ug/l

RT: 5.01 min Scan# 444

Delta R.T. -0.00 min

Lab File: VF060375.D

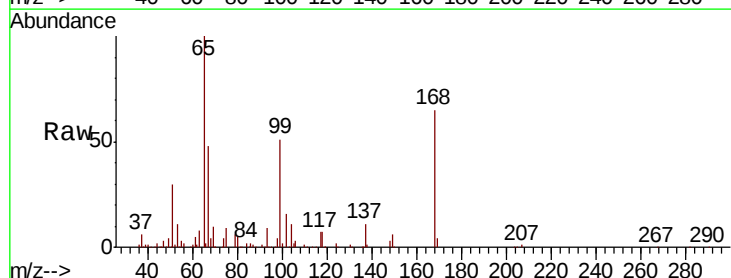
Acq: 28 Sep 2018 18:59

Tgt Ion: 65 Resp: 174463

Ion Ratio Lower Upper

65 100

67 48.2 0.0 94.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.01

60000

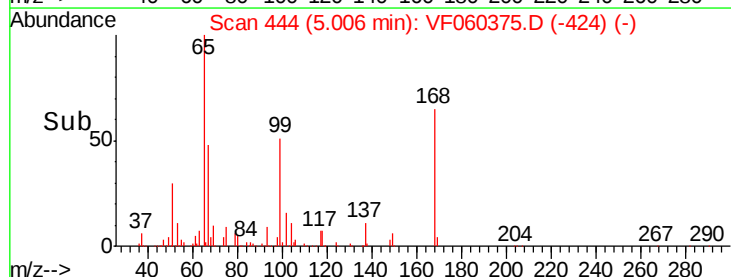
40000

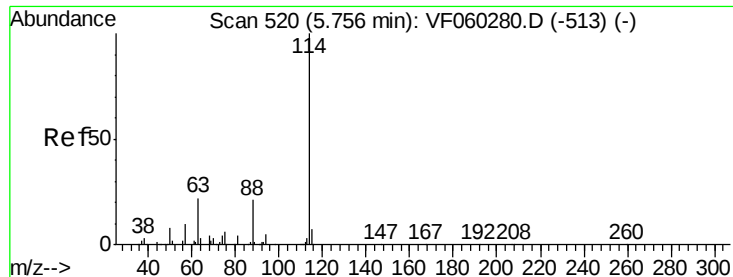
20000

0

4.80 4.90 5.00 5.10 5.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.75 min Scan# 520

Delta R.T. -0.00 min

Lab File: VF060375.D

Acq: 28 Sep 2018 18:59

Instrument :

MSVOA_F

ClientSampleId :

PL-01-092718-C

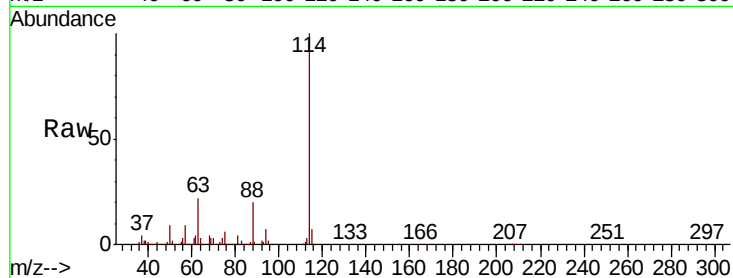
Tot Ion:114 Resp: 351117

Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.8

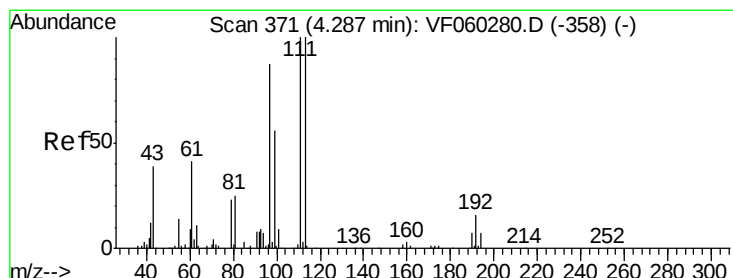
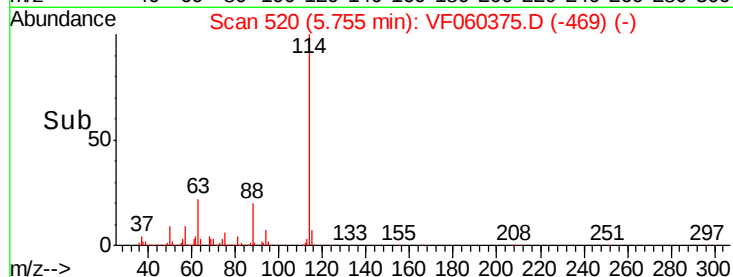
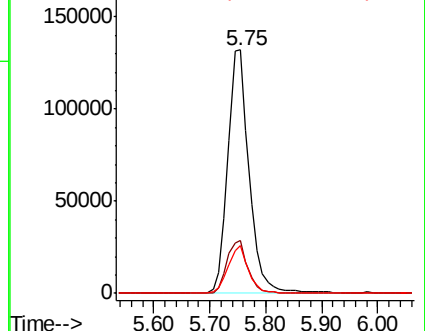
88 19.6 0.0 41.2



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 62.788 ug/l

RT: 4.28 min Scan# 370

Delta R.T. -0.01 min

Lab File: VF060375.D

Acq: 28 Sep 2018 18:59

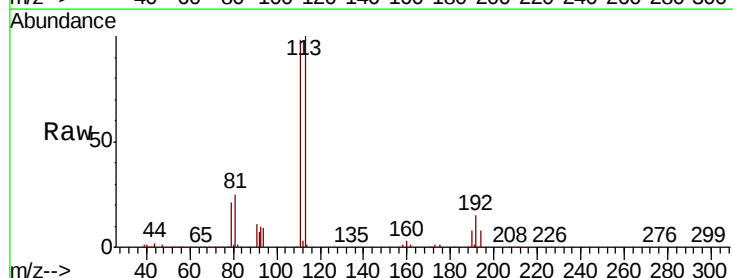
Tgt Ion:113 Resp: 196523

Ion Ratio Lower Upper

113 100

111 97.6 79.6 119.4

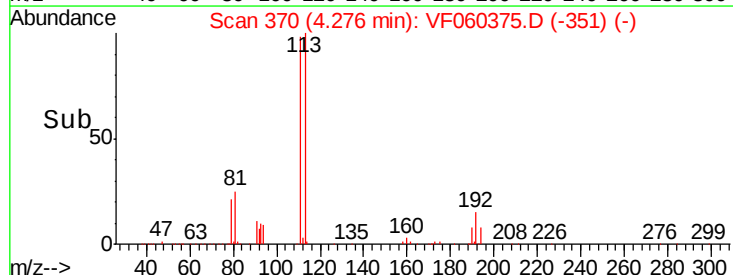
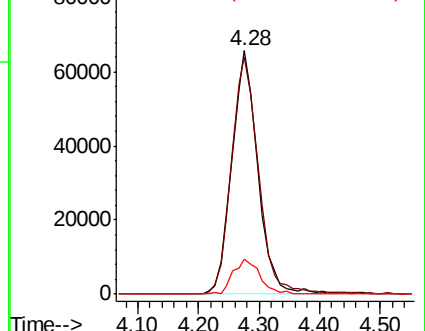
192 14.6 13.0 19.6

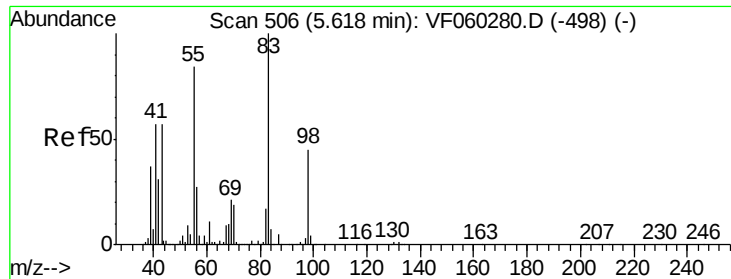


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

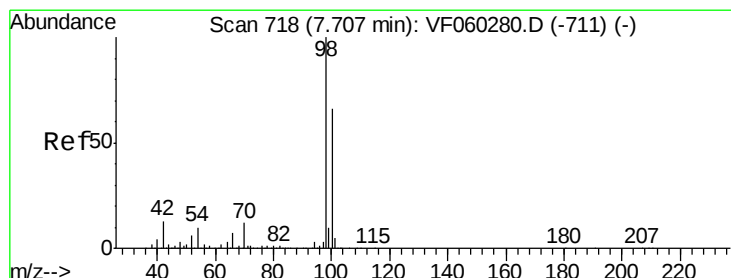
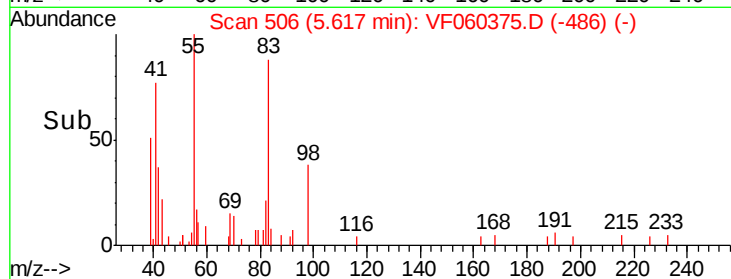
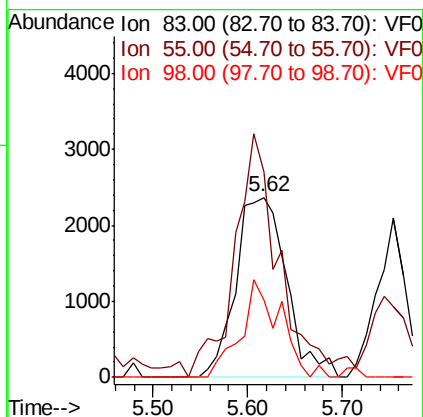
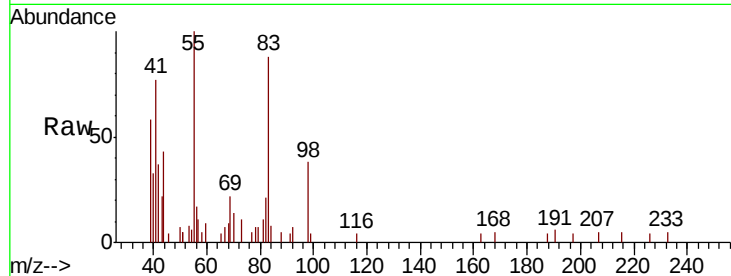




#39
Methvlcvclohexane
Concen: 1.863 ug/l
RT: 5.62 min Scan# 506
Delta R.T. -0.00 min
Lab File: VF060375.D
Acq: 28 Sep 2018 18:59

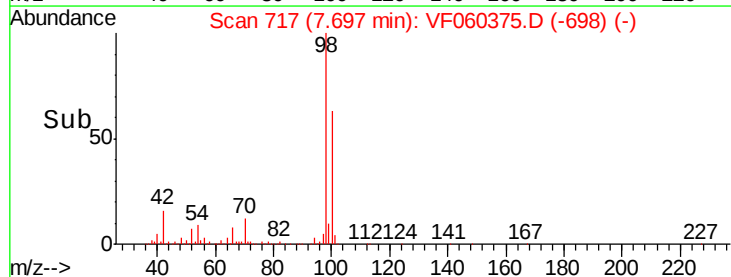
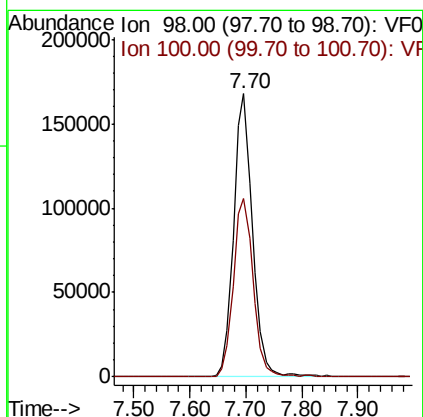
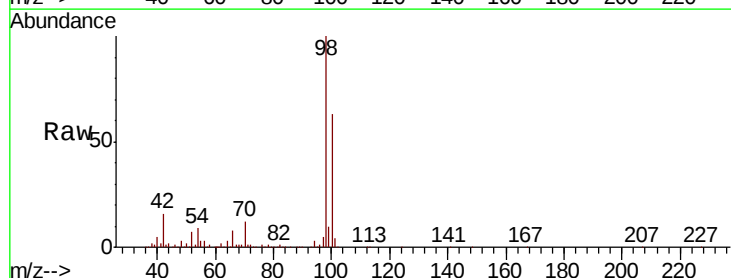
Instrument :
MSVOA_F
ClientSampleId :
PL-01-092718-C

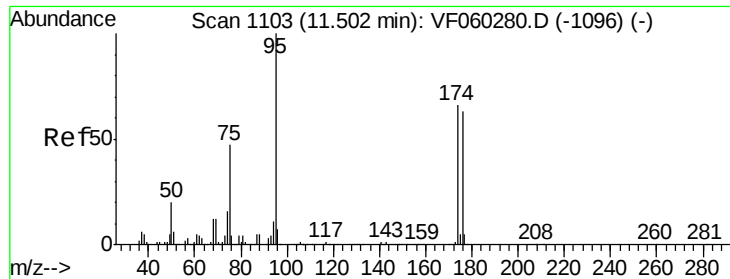
Tot Ion: 83 Resp: 8841
Ion Ratio Lower Upper
83 100
55 114.0 67.3 100.9#
98 43.1 36.1 54.1



#50
Toluene-d8
Concen: 48.085 ug/l
RT: 7.70 min Scan# 717
Delta R.T. -0.01 min
Lab File: VF060375.D
Acq: 28 Sep 2018 18:59

Tgt Ion: 98 Resp: 391945
Ion Ratio Lower Upper
98 100
100 62.8 53.0 79.6





#62

4-Bromofluorobenzene

Concen: 40.556 ug/l

RT: 11.50 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VF060375.D

Acq: 28 Sep 2018 18:59

Instrument :

MSVOA_F

ClientSampleId :

PL-01-092718-C

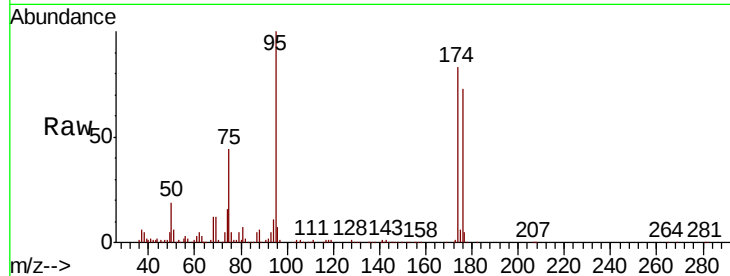
Tot Ion: 95 Resp: 142898

Ion Ratio Lower Upper

95 100

174 82.7 0.0 131.2

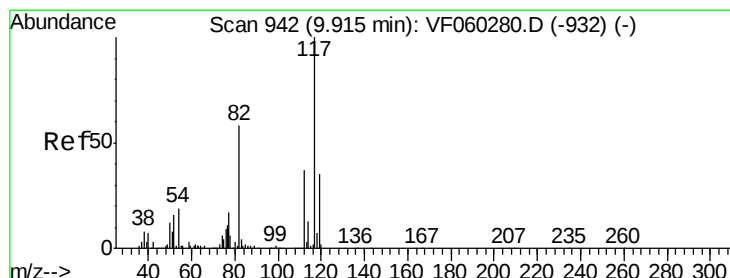
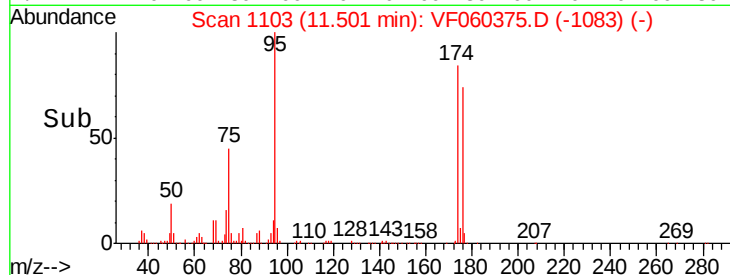
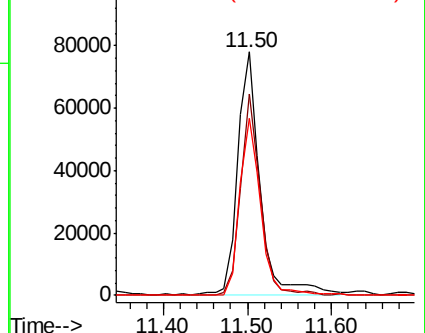
176 72.8 0.0 126.6



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): VF0

Ion 176.00 (175.70 to 176.70): VF0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.90 min Scan# 941

Delta R.T. -0.01 min

Lab File: VF060375.D

Acq: 28 Sep 2018 18:59

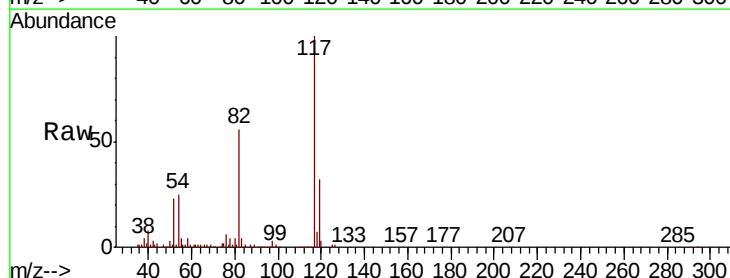
Tgt Ion: 117 Resp: 258180

Ion Ratio Lower Upper

117 100

82 56.4 46.2 69.2

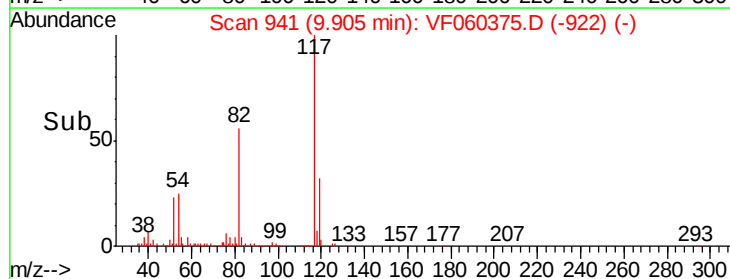
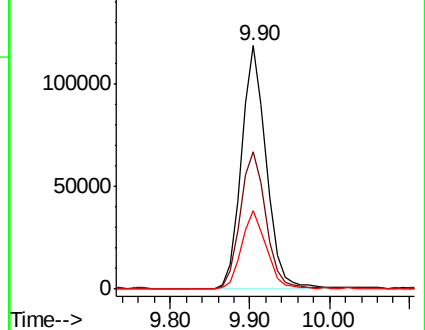
119 32.1 27.8 41.6

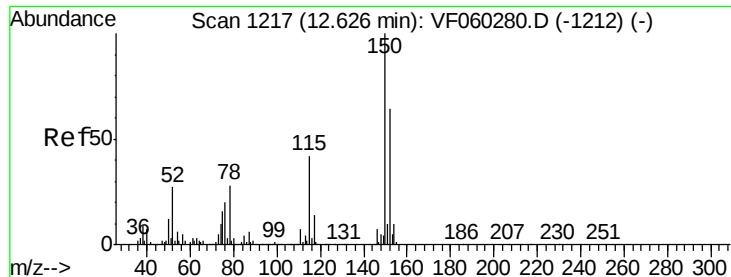


Abundance Ion 117.00 (116.70 to 117.70): VF0

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): VF0



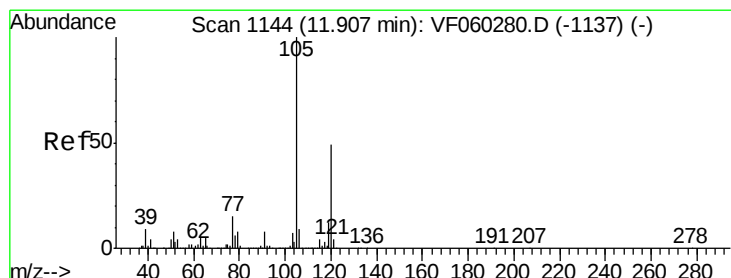
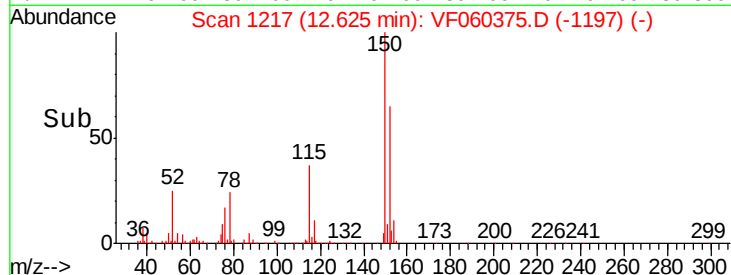
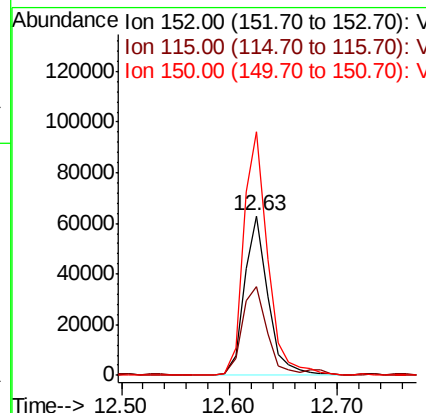
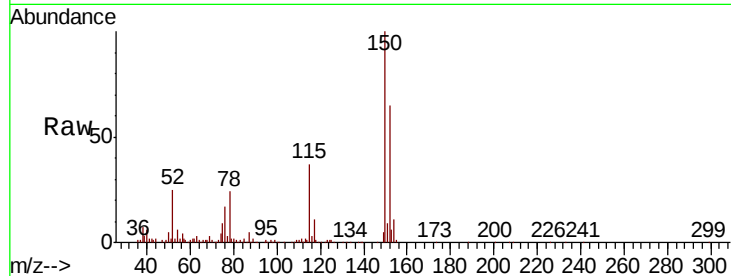


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1217
Delta R.T. -0.00 min
Lab File: VF060375.D
Acq: 28 Sep 2018 18:59

Instrument :
MSVOA_F
ClientSampleId :
PL-01-092718-C

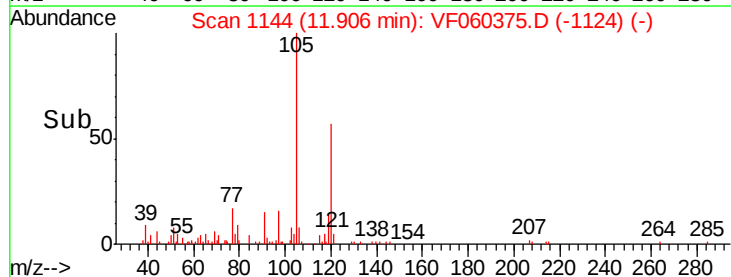
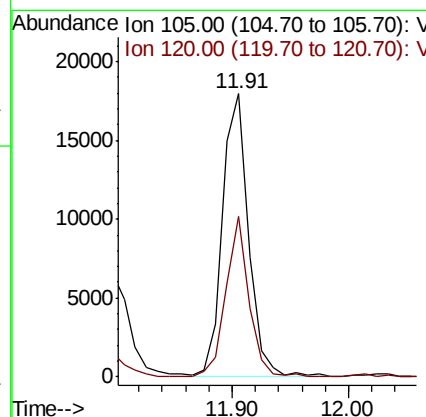
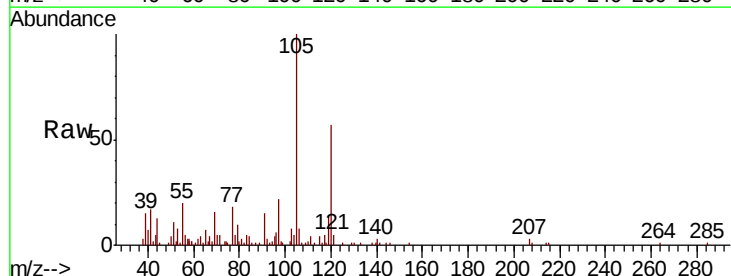
Tot Ion	Ratio	Lower	Upper
152	100		
115	55.9	32.6	97.8
150	152.9	0.0	314.2

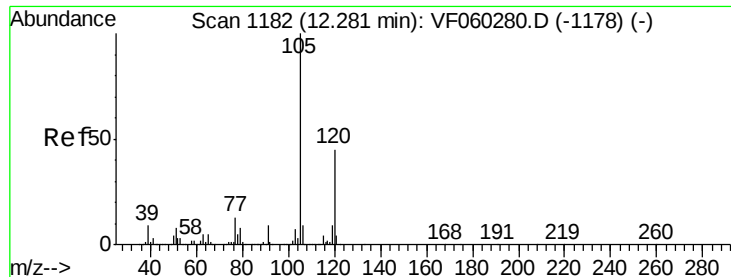


#80

1,3,5-Trimethylbenzene
Concen: 4.045 ug/l
RT: 11.91 min Scan# 1144
Delta R.T. -0.00 min
Lab File: VF060375.D
Acq: 28 Sep 2018 18:59

Tgt Ion	Ratio	Lower	Upper
105	100		
120	56.6	24.4	73.2





#84

1,2,4-Trimethylbenzene

Concen: 4.073 ug/l

RT: 12.28 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VF060375.D

Acq: 28 Sep 2018 18:59

Instrument :

MSVOA_F

ClientSampleId :

PL-01-092718-C

Tot Ion:105 Resp: 28630

Ion Ratio Lower Upper

105 100

120 52.4 22.4 67.0

